



EPA's Radiological Study

Santa Susana Field Laboratory

Presented by: EPA Region 9

Presented For: SSFL Interagency Workgroup

February 2, 2010



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Tonight's Presentation

- EPA Access to Santa Susana Field Lab
- Environmental Compliance
- Historical Site Assessment
- EPA's Project Goals for 2010

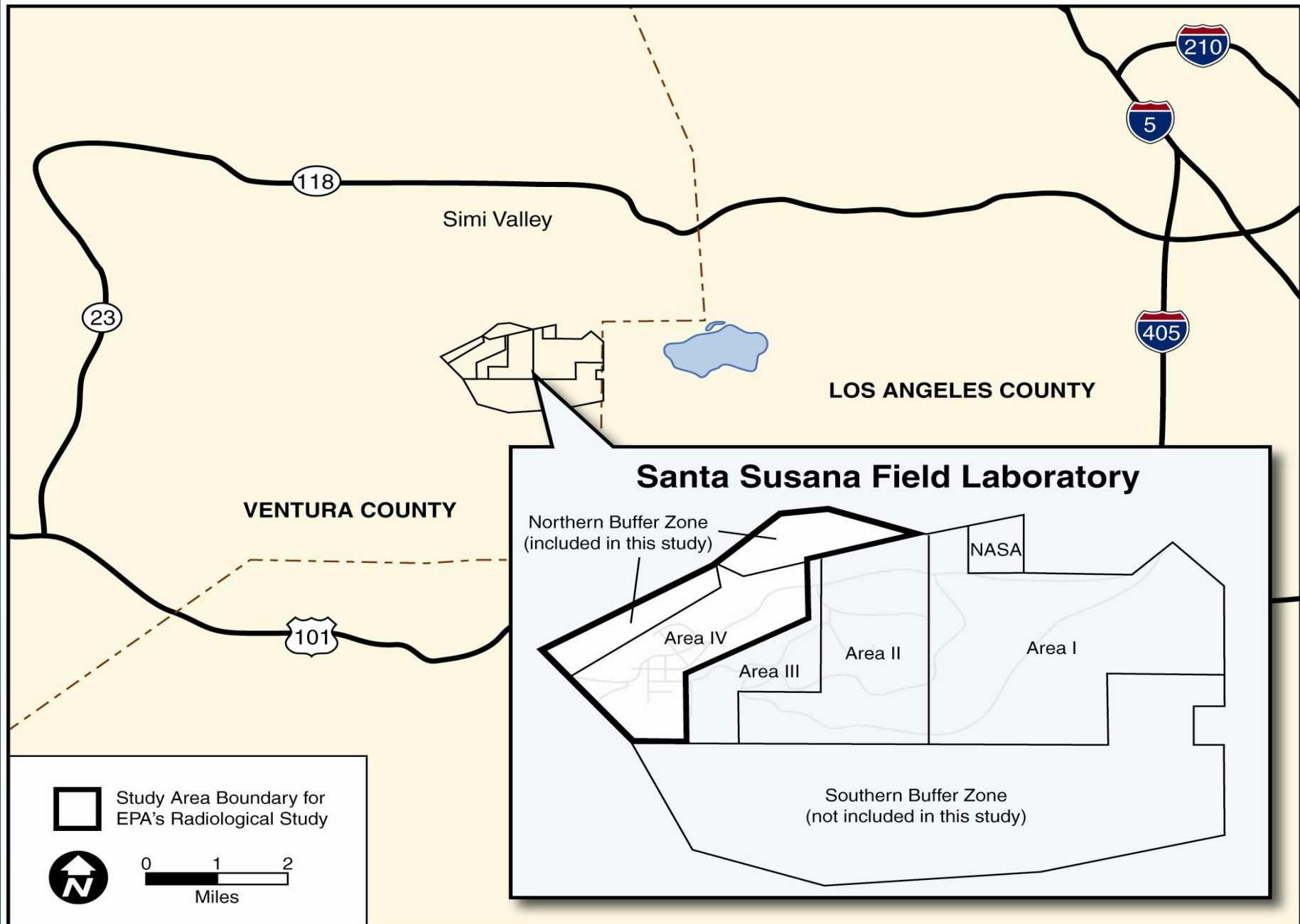


Figure 1: Study Area Boundary for EPA's Radiological Study, Santa Susana Field Laboratory

EPA Field Office

- EPA/GSA Memorandum of Understanding has been signed
- EPA now has temporary control and custody of Building 204 and adjacent paved areas
- EPA moving in by the end of March
- EPA pays no rent but we pay for our project-specific property costs including improvements, fencing and cleaning the building
- Building 204 transfers back to GSA when EPA is done

Site-wide Access Agreement

- EPA and Boeing in negotiations
- Purpose: To document EPA's rights for entry and access to SSFL to conduct our onsite radiological study in Area IV and Northern Buffer Zone
- Boeing participates and cooperates with EPA requests
- Agreement anticipated in February

Historical Site Assessment

- Site document reviews on-going
- Respondents still submitting information
- Aerial photo analysis: DONE
- Former Employee Interviews: 21 interviews completed to date; many more to go

Environmental Compliance

- **Endangered Species Act**

- U.S. Fish and Wildlife Service approval

- Consultation with Cal Fish and Game

- **National Historic Preservation Act**

- December 2009 meetings with SHPO and Native American reps

- DOE conducting cultural survey

Gamma Scan Survey

- Final Work Plan almost done!
- March: Test and calibrate equipment
- April: Start scanning in Area IV

Budget and Costs

	Budget	Approx. Expenditures (as of Dec 31)
Rad Background Study	\$1,500,000	\$750,000
Area IV Rad Study	\$40,000,000	\$1,000,000
Total	\$41,500,500	\$1,750,000



EPA's Goals for 2010

Radiological Background Study

- April/May 2010
 - Complete laboratory analysis and data validation
- June 2010
 - Technical Memo on data results
- August 2010
 - Complete draft report

Area IV Radiological Study

■ February 2010

- Complete access agreement with Boeing
- Commence upgrades to EPA field office

■ March 2010

- Move into EPA field office
- Test gamma scanning equipment
- Conduct vegetation trimming/removal (Phase I)
- Issue first site history technical memo (6 total)

Area IV Radiological Study

- April 2010

- Commence Area IV gamma scanning
- Complete procurement of analytical laboratory(s) for water and soil samples

- May 2010

- Commence water testing

Area IV Radiological Study

- June 2010
 - Commence soil testing (one year)
- July 2010
 - Commence geophysical investigation

Area IV Radiological Study

- In early 2011, EPA's preliminary data reports will be issued:
 - Draft Gamma Scanning Report (Phase 1)
 - Draft Water Testing Report (Phase 1)
 - Draft Soil Testing Report (Phase 1)